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PATENT ABSTRACTS OF JAPAN

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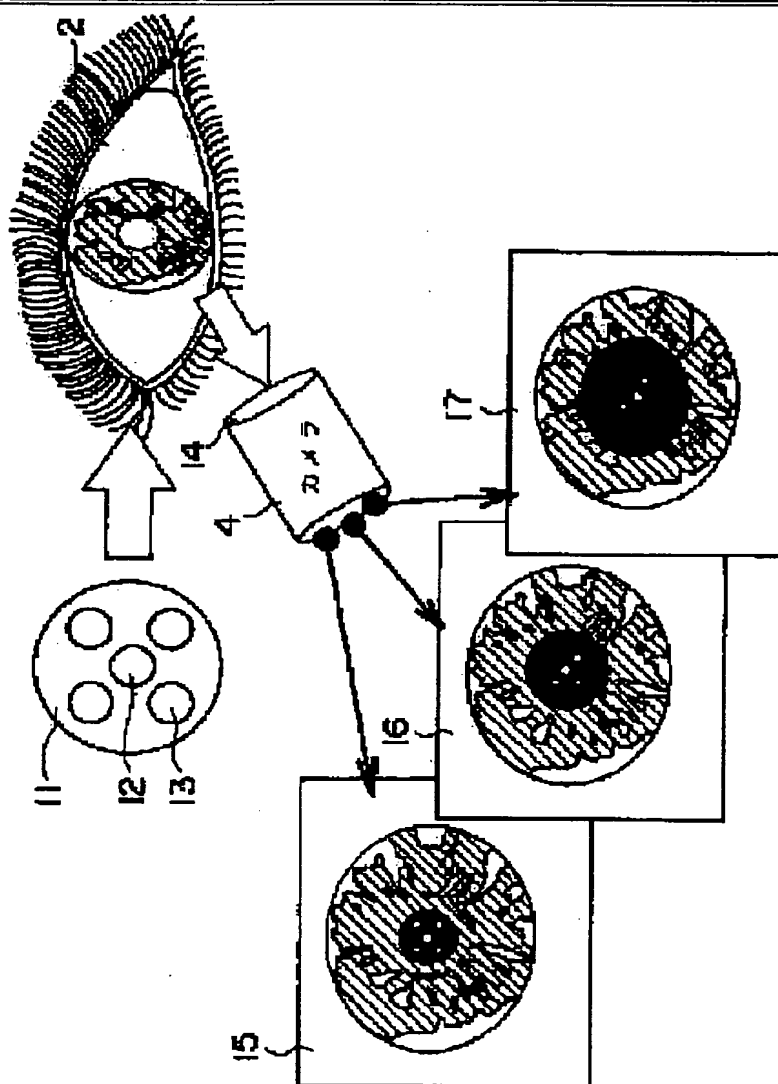
(74) Representative:

(54) IRIS CODE GENERATOR
AND IRIS RECOGNIZING
SYSTEM

(57) Abstract:

PROBLEM TO BE SOLVED: To detect illegality and to prevent a crime by providing a control means discriminating whether a picture of a photographed eye belongs to a living thing according to biological response aroused at the eye of a person being photographed by a stimulating means at a device generating an iris code to be used for identifying individual, etc.

SOLUTION: A point light source 11 is provided at the stimulation means arousing biological response at the eye of a person to be photographed and this is constituted by arranging a light source 13 emitting plural near infrared rays (about 700 nm to 1000 nm wavelength) around a light source 12 emitting visible light (about 400 nm to 700 nm wavelength) with the light source 12 as the center. The picture of the eye 2 of the person to be photographed is photographed by a camera 4 and a visible light cutting glass 14 for cutting off visible light is fixed to the lens of this camera 4. Then, pictures 15 to 17 in the case of the light reflected by the surface of an iris by turning on four near infrared ray sources 13 while varying the diameter of the iris by varying the light quantity of a visible light source 12. Namely, biological response aroused at the eye of the person to be photographed is measured to judge the authenticity of a picture processing means.



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